Accepted Manuscript

Membrane separation of enzyme-converted biomass compounds: Recovery of xylose and production of gluconic acid as a value-added product

Sofie T. Morthensen, Birgitte Zeuner, Anne S. Meyer, Henning Jørgensen, Manuel Pinelo

PII:	S1383-5866(17)32591-1
DOI:	https://doi.org/10.1016/j.seppur.2017.11.031
Reference:	SEPPUR 14187
To appear in:	Separation and Purification Technology
Received Date:	9 August 2017
Revised Date:	9 November 2017
Accepted Date:	11 November 2017



Please cite this article as: S.T. Morthensen, B. Zeuner, A.S. Meyer, H. Jørgensen, M. Pinelo, Membrane separation of enzyme-converted biomass compounds: Recovery of xylose and production of gluconic acid as a value-added product, *Separation and Purification Technology* (2017), doi: https://doi.org/10.1016/j.seppur.2017.11.031

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Membrane separation of enzyme-converted biomass compounds: Recovery of xylose and production of gluconic acid as a value-added product

Sofie T. Morthensen¹, Birgitte Zeuner¹, Anne S. Meyer¹, Henning Jørgensen^{1,2}, Manuel Pinelo^{1*}

¹Department of Chemical and Biochemical Engineering, Technical University of Denmark, Søltofts

Plads Building 229, 2800 Kongens Lyngby, Denmark.

²Present Address: Department of Plant and Environmental Sciences, University of Copenhagen,

Thorvaldsensvej 40, 1871 Frederiksberg C, Denmark.

^{*} Corresponding author: <u>mp@kt.dtu.dk</u> (M. Pinelo)

E-mail addresses: <u>soth@kt.dtu.dk</u> (S.T. Morthensen), <u>biz@kt.dtu.dk</u> (B. Zeuner), <u>am@kt.dtu.dk</u>

(A.S. Meyer), hej@plen.ku.dk (H. Jørgensen)

Download English Version:

https://daneshyari.com/en/article/7044058

Download Persian Version:

https://daneshyari.com/article/7044058

Daneshyari.com